

## ***Snow and Ice Control Program***

As it relates to snow and ice control, the overall goal of the Maintenance and Operations Division is to provide safe street access to necessary, life-sustaining, essential services (such as Pullman Regional Hospital) during ice and/or snow events, focusing efforts in the most efficient way to assist the most drivers. City crews concentrate initial efforts on primary streets—streets that lead to those life-sustaining services. (See Exhibit 1, Snow and Ice Control Primary Streets). It is of little benefit for primary streets to be passable if other streets leading to the primary streets are impassable.

Whenever possible, efforts are extended to transit routes and other non-arterial streets with high-volume traffic, (See Exhibit 2, Snow and Ice Control Secondary Streets), many of which are residential streets which is where the majority of the population can be found.

Finally, as time and conditions allow, all other paved streets, cul-de-sacs, un-paved streets, paved alleys and unpaved alleys that are not designated as primary or secondary streets are plowed. **Motorists are strongly urged to use the primary and secondary streets whenever possible to reach their destinations and are also encouraged to drive slowly, with caution and allow for plenty of stopping distance.**

There are many variables that fit into the complex equation that is snow and ice control. Often, unpredictable weather determines where efforts must be focused. It is possible that if a storm event does not let up, then the appropriate city staff will determine that additional help may need to be secured and a private contractor might be hired to assist.

Because the central business area has no place to store plowed snow without plugging sidewalks or eliminating parking, the first line of attack for this area is to apply liquid deicer to inhibit snow buildup and then solid calcium chloride to facilitate snow melt. Complete snow removal takes place in the central business district area typically in conjunction with other non-primary or secondary street plowing, and *only after all* of the primary streets are passable. Central business district snow removal of snow is a delicate operation, taking into account residents, businesses and pedestrians and is usually scheduled for times when the impact would be minimized, such as the early morning hours between midnight and 6 a.m. when traffic flow and pedestrians are minimal.

**SIDEWALKS AND PARKING**- As it relates to ice and snow control, the overall goal of the Parks Department is to remove snow on city-maintained sidewalks, the city-owned trail system and city-owned parking lots. This process starts as soon as the snow begins to accumulate in these areas. Recognizing that on-street parking may be reduced during snow events, the objective is to provide and maintain off-street parking.

*Exhibit 1 – Snow and Ice Control Primary Streets*

Street	From	To
Bishop Blvd	Grand Ave	Main St
Center St	Grand Ave	End
Crestview St	Sunnyside Dr	Carolstar Dr
Davis Way	Grand Ave	West City Limits
Derby St	Spring St	Professional Mall Blvd
Fairmount Rd	Grand Ave	Bishop Blvd
Grand Ave	North City Limits	South City Limits
Hall Dr	Stadium Way Extension	Larry St
Harvest Dr	Fairmount Rd	Carolstar Dr / Crestview St
Kamiaken St	Whitman St	Olsen St
Klemgard Ave	Bishop Blvd	End
Larry St	Grand Ave	Greyhound Way
Main St	Old Wawawai Rd	Highway 270 Milepost 4
Merman Dr	Westwood Dr	Valley Rd
Olsen St	Grand Ave	Kamiaken St
Paradise St	Grand Ave	Main St
Rocky Way	Grand Ave	South St
Spring St	Main St	Crestview St
Stadium Way Extension	Grand Ave	Ritchie St
Terre View Dr	Marshland Dr	Highway 270
Valley Rd	Stadium Way	Orchard Dr
Old Wawawai Rd	Davis Way	West City Limits
Turner Dr	Grand Ave	Dillon St
Johnson Rd	South City Limits	Bishop Blvd
Pro Mall Blvd	Bishop Blvd	Derby St
South St	Rocky Way	Riverview St
B St	Stadium Way	Colorado St
Stadium Way	Grand Ave	Orchard Dr
Airport Rd	Terre View Dr	Boyd Rd

*Exhibit 2 – Snow and Ice Control Secondary Streets*

Street	From	To
Bryant St	Darrow St	True St
Clifford St	Harrison St	Darrow St
Daisy St	Grand Ave	Mountain View Dr
Daniel St	Paradise St	Spring St
Darrow St	Clifford St	Bryant St
Fountain St	Crestview St	Skyline St
Guy St	Park St	West City Limits
Harrison St	Clifford St	Ritchie St
High St	Paradise St	South St
Hillside Dr	Wheatland Dr	Valley Dr
Janet St	State St	Hall Dr
Mountain View Dr	Fountain St	Daisy St
Northwood Dr	Westwood Dr	Terre View Dr
Orchard Dr	Stadium Way	Valley Rd
Park St	State St	Guy St
Ritchie St	Grand Ave	Harrison St
State St	Center St	Janet St
True St	Stadium Way Extension	Bryant St
Upper Dr	Wheatland Dr	Lybecker St
Westwood Dr	Northwood Dr	Merman Dr
Wheatland Dr	Upper Dr	Hillside St
Dillon St	Turner Dr	Terre View Dr

*Exhibit 3 – Snow and Ice Control Staffing*

Shift	Start Date	End Date	Shift Time	Maintenance Workers
Day Shift	All Year		7:30 am to 4:00 pm	Up to eight depending on conditions.
Morning Shift	When needed, normally in early to mid-November	Depends on weather, but normally on or before April 15 <sup>th</sup>	3:00 am to 11:30 am	A minimum of two, more if conditions warrant it.
Night Shift	When needed, but not later than the Monday following Thanksgiving		3:00 pm to 11:30 pm	

*Exhibit 4 – Snow and Ice Control Equipment*

Description	Quantity	Use
Grader (Driveway Gate)	2	Remove accumulated snow and ice.
Loader (3 Yard)	2	Load trucks with solid calcium chloride/sanding aggregate mixture, sanding aggregate or snow. Plow alleys and dead-end streets.
Truck (3 to 5 Yard, Tailgate Sand Spreader, 11' Plow with Driveway Gate)	5	Plow snow and apply sanding aggregate or solid calcium chloride/sanding aggregate mixture.
Truck (10 to 12 Yard, Liquid De-ice application equipment, V-Box Sand Spreader, 12' Plow)	1	Plow snow and apply sanding aggregate, solid calcium chloride/sanding aggregate mixture on heavy snow accumulations and thick ice, apply liquid deicer.
Truck (One-Ton, V-Box Sand Spreader, 8'6" Plow)	2	Plow alleys and narrow streets. Apply solid calcium chloride or sanding aggregate.
Truck (One-Ton, Liquid De-ice application equipment)	2	Apply liquid deicer.

*Exhibit 5 – Snow and Ice Control Supplies*

Description	Storage Capacity	Use
Sanding Aggregate	3,500 yards	Applied to streets to help break down heavier snow and/or ice accumulations and provide traction.
Liquid Deicer (Magnesium Chloride with Corrosion Inhibitor)	17,000 gallons	Applied to streets to help inhibit ice buildup and to break down black ice.
Calcium Chloride, Solid	60 Tons	Applied to streets to help melt heavy snow and ice accumulations.